

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 11, 2003, 19:47:14 ; Search time 36.5143 Seconds
(without alignments)
1066.767 Million cell updates/sec

Title: US-09-497-967-7

Perfect score: 2540

Sequence: 1 MKNNILVILISLFNQIKS.....QCDFANFLSILLISYLL 468

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 420401 seqs, 83231269 residues

Total number of hits satisfying chosen parameters: 420401

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents_AA_New.*
1: /cgn2_6/ptodata/2/paa/PCT_NEW_COMB.pep.*
2: /cgn2_6/ptodata/2/paa/US06_NEW_COMB.pep.*
3: /cgn2_6/ptodata/2/paa/US07_NEW_COMB.pep.*
4: /cgn2_6/ptodata/2/paa/US08_NEW_COMB.pep.*
5: /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep.*
6: /cgn2_6/ptodata/2/paa/US10_NEW_COMB.pep.*
7: /cgn2_6/ptodata/2/paa/US60_NEW_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	245.5	9.7	1076	6	US-10-131-813A-219
2	245.5	9.7	1076	6	US-10-131-819A-219
3	245.5	9.7	1076	6	US-10-131-823A-219
4	245.5	9.7	1076	6	US-10-131-824A-219
5	245.5	9.7	1076	6	US-10-131-826A-219
6	245.5	9.7	1076	6	US-10-131-829A-219
7	245.5	9.7	1076	6	US-10-125-926A-219
8	245.5	9.7	1076	6	US-10-127-831A-219
9	245.5	9.7	1076	6	US-10-127-835A-219
10	245.5	9.7	1076	6	US-10-127-837A-219
11	245.5	9.7	1076	6	US-10-127-842A-219
12	245.5	9.7	1076	6	US-10-127-850A-219
13	245.5	9.7	1076	6	US-10-127-901A-219
14	245.5	9.7	1076	6	US-10-128-689A-219
15	245.5	9.7	1076	6	US-10-131-830A-219
16	245.5	9.7	1076	6	US-10-131-833A-219
17	245.5	9.7	1076	6	US-10-131-837A-219
18	245.5	9.7	1076	6	US-10-125-930A-219
19	245.5	9.7	1076	6	US-10-127-825A-219
20	245.5	9.7	1076	6	US-10-127-838B-219
21	245.5	9.7	1076	6	US-10-127-843A-219
22	245.5	9.7	1076	6	US-10-127-849A-219
23	245.5	9.7	1076	6	US-10-128-684A-219
24	245.5	9.7	1076	6	US-10-128-685A-219
25	245.5	9.7	1076	6	US-10-128-686A-219
26	245.5	9.7	1076	6	US-10-128-686A-219

27	245.5	9.7	1076	6	US-10-128-690A-219
28	245.5	9.7	1076	6	US-10-128-693A-219
29	245.5	9.7	1076	6	US-10-131-821A-219
30	245.5	9.7	1076	6	US-10-131-836A-219
31	245.5	9.7	1076	6	US-10-137-872A-219
32	245.5	9.7	1076	6	US-10-137-873A-219
33	245.5	9.7	1076	6	US-10-125-921A-219
34	245.5	9.7	1076	6	US-10-125-928A-219
35	245.5	9.7	1076	6	US-10-127-821A-219
36	245.5	9.7	1076	6	US-10-127-822A-219
37	245.5	9.7	1076	6	US-10-127-824A-219
38	245.5	9.7	1076	6	US-10-127-827A-219
39	245.5	9.7	1076	6	US-10-127-830A-219
40	245.5	9.7	1076	6	US-10-127-832A-219
41	245.5	9.7	1076	6	US-10-127-834A-219
42	245.5	9.7	1076	6	US-10-127-836A-219
43	245.5	9.7	1076	6	US-10-127-839A-219
44	245.5	9.7	1076	6	US-10-127-840A-219
45	245.5	9.7	1076	6	US-10-127-841A-219

ALIGNMENTS

RESULT 1
US-10-131-813A-219
; Sequence 219, Application US/10131813A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC139
; CURRENT APPLICATION NUMBER: US/10/131,813A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219

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; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-813A-219

Query Match          9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY  26  GTETNTAGQVDDLGPANCVCKNFYNNAAAFVPG-ASTC---TPCPKKDKAGAOPNP 81
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   397  GTATTCCTCTGCTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  82  PATANLVTCNVKCPAGTAAIAGGATDYAAIITECVNCRINFYNAPNFNAGASTCTACP 141
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   452  AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  142  V-----NRVGGALFAGNAATIVACQNVACPTGTALDDGVTDDYVRSFTCEVKCRINFY 194
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   487  AAGCCATCAGTGAACCTGGATATCTCTTCTCTG-----GATTAATAAAATATTGGAAG 541
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  195  YNGNNGWTFPNPKGSOCTPCPALKPANVAQATLGNDAITTAQCNVACPDGTISAAGYNNW 254
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   542  CAGTCAGT-----AAACCAAGCAAGTACATGG-ATTTTAC-----AGTTAT 583
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  255  VAQNTCECTNCAPNFYNNAPNFNPNGNSTCLPCPANKDYGAETAGGAATLAKQC----- 308
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   584  TTTGAATACAA-----TAAGAAGCTGCTA---GAAATATGTTTATAACAGTCTA 629
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  309  NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNFQ--AGSSRCKACP 357
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   630  TTTCTTTTAAAAACTTTTAAACATAATACTGACGCGCATGTTAGTGATTCAGATAGACA 689
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  358  ANKVOGAVATAGGTATLTAQCALECPAGTVLIDGTTTSTYKQAASECYKCAANFYTT---- 413
    |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
Db   690  AGAAGGATTAGTAATAATAC-----GTTTGGATAT---AAGTTGTCACTAATTGCA 740
    |||  |||  |||  |||  |||  |||  |||  |||  |||

QY  414  -KQTDWVAGIDTCTSC 428
    |||  |||  |||  |||  |||  |||  |||  |||
Db   741  CATTTCTCTGTGTTTC 756
    |||  |||  |||  |||  |||  |||  |||

RESULT 2
US-10-131-819A-219
; Sequence 219, Application US/10131819A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Collin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC134
; CURRENT APPLICATION NUMBER: US/10131.819A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/045911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113

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APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330RIC143
CURRENT APPLICATION NUMBER: US/10/131,823A
PRIOR FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 219
LENGTH: 1076
TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-823A-219

Query Match 9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;
QY 26 GTENTAGQVDDLTGPANCVCNKFNYYNNAAFVPG-ASTC---TPCPQKKDAGAO PNP 81
DB 397 GTATTTCTGCTTCATCAGCTA-----GAGAGATGAATCCATTCACGAGTGAAG 451
QY 82 PATANLVTCQNVKCPAGTATAGGATDYAAIITECVNCRINFYNENAPNPNAGASTCTACP 141
DB 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
QY 142 V-----NRVGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
DB 487 AAGCCATCAGTGAAGTATCTCTTCTCTG-----GATTAATAAATATTGCGAAG 541
QY 195 YNGNNGTNPENPKGSOCTPCPKPANVAQAILGNDATITACQNVACPDGTISAAAGVNW 254
DB 542 CAGTCAGT-----AAACCAAGCCAAAGTACATGTG--ATTTTAC-----AGTTAT 583
QY 255 VAQNTCTNAPNFYNNAPNPNPGNSTCLPCPKANKDYGAETAGATLAKQC----- 308
DB 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629
QY 309 NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFO--AGSSRCKACP 357
DB 630 TTTCTTTTAAACACTTTTAAACATAATACTGACGCGCATGTTAGGTGATTCAGATAGACA 689
QY 358 ANKVOGAVATAGTATLQAQALECPAGTVLTDGTTSTYKQAAECVCAANFYTT----- 413
DB 690 AGAAGGATTAGTAATTAAC-----GTTTGGATAT---AAGTTGTCACTAATTGCA 740

QY 414 -KOTDWWAGIDTCTSC 428
DB 741 CATTTCTGTGTGTTTC 756
RESULT 4
US-10-131-824A-219
Sequence 219, Application US/10131824A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330RIC126
CURRENT APPLICATION NUMBER: US/10/131,824A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 219
LENGTH: 1076
TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-824A-219

Query Match 9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;
QY 26 GTENTAGQVDDLTGPANCVCNKFNYYNNAAFVPG-ASTC---TPCPQKKDAGAO PNP 81
DB 397 GTATTTCTGCTTCATCAGCTA-----GAGAGATGAATCCATTCACGAGTGAAG 451
QY 82 PATANLVTCQNVKCPAGTATAGGATDYAAIITECVNCRINFYNENAPNPNAGASTCTACP 141
DB 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
QY 142 V-----NRVGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194

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us-09-497-967-7.rapn

Db 487 AACCCATCAGTGAACGGATATCTCTTCTCTG-----GATTAATAAATTTGGAAG 541
QY 195 YNGNNGTNPENPKSQCTPCPAIKPANVAQATLGNDAITAOQNVACPDGTISAAGVNNW 254
Db 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583
QY 255 VAQNTCTNCAPNFYNNAPNPNFNGNSTCLPCPANKDYGAEATAGAAATLAKQC----- 308
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629
QY 309 NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFO--AGSSRCKACP 357
Db 630 TTTCTTTTAAAAAATTTTAAACATAATCTAGCGCATGTTAGTGATTCAGATAGACA 689
QY 358 ANKVOGAVATAGGTATLIAQCALECPAGVLTGDTTSTYKQAASECVKCAANFYTT----- 413
Db 690 AGAAGGATTTAGTAAATTAAC-----GTTTGGATAT---AAGTTGTCACTAAATTTGCA 740
QY 414 -KQTDWVAGIDTCTSC 428
Db 741 CATTTTCTGTGTTTTC 756

RESULT 5
US-10-131-826A-219
; Sequence 219, Application US/10131826A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C128
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 219
; SEQ ID NO 219
; LENGTH: 1076

; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-219
Query Match 9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;
QY 26 GTETNTAGVDDDLGTPANVCNCKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPNP 81
Db 397 GTATTTCTGTGCTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAAG 451
QY 82 PATANLVTCNVKCPAGTATAGATDYAAIITECVNCRINFYNNAPNAPNENAGASTCTACP 141
Db 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
QY 142 V-----NRVGALTAGNAATIVAOQNVACPTGTALDDGVTTDYVRSFTECVKRLNFY 194
Db 487 AAGCCATCAGTGAACGGATATTTCTTCTCTG-----GATTAATAAATTTATTGGAAG 541
QY 195 YNGNNGTNPENPKSQCTPCPAIKPANVAQATLGNDAITAOQNVACPDGTISAAGVNNW 254
Db 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583
QY 255 VAQNTCTNCAPNFYNNAPNPNFNGNSTCLPCPANKDYGAEATAGAAATLAKQC----- 308
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629
QY 309 NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFO--AGSSRCKACP 357
Db 630 TTTCTTTTAAAAAATTTTAAACATAATCTAGCGCATGTTAGTGATTCAGATAGACA 689
QY 358 ANKVOGAVATAGGTATLIAQCALECPAGVLTGDTTSTYKQAASECVKCAANFYTT----- 413
Db 690 AGAAGGATTTAGTAAATTAAC-----GTTTGGATAT---AAGTTGTCACTAAATTTGCA 740
QY 414 -KQTDWVAGIDTCTSC 428
Db 741 CATTTTCTGTGTTTTC 756
RESULT 6
US-10-131-829A-219
; Sequence 219, Application US/10131829A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C138
; CURRENT FILING DATE: 2002-04-27
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17

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; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-829A-219
```

```
Query Match          9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTEHTAGQVDDLGTTPANCVCOKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPNP 81
DB 397 GTATTTCTGCTTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451

QY 82 PATANLVTCNVKCPAGTAAGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141
DB 452 AATATTTT-----ATAGGATGGAAACAAA-----GGAATCTACA 486

QY 142 V-----NRVGGALTAGNAATIAQCNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
DB 487 AAGCCATCAGTGAACCTGGATATCTTCTTCCTG-----GATTAAAAAATTATTGGAAG 541

QY 195 YNGNNGNTPNPKSOCTPCPAIKPANVAQATLGNDAITTAQCNVACPDGTISAGVNNW 254
DB 542 CAGTCAGT-----TAAGACTGCTA-----GAAATATGTTTATAACAGTCTA 629

QY 255 VAQNTCTNCAPNFYNNAPNPNPGNSTCLPCPANKDYCAETAGGAATLAKQC----- 308
DB 584 TTTTGAATACAA-----TAAGACTGCTA-----GAAATATGTTTATAACAGTCTA 629

QY 309 NIACPDGTAIASG-----ATNYVILQTECLNCAANFYFDGNNFQ--AGSSRCKACP 357
DB 630 TTTCTTTTAAAAACTTTTAAACATAATAACTGACGCGCATGTTAGGTGATTCAGATAGACA 689

QY 358 ANKVOGAVATAGGTATLIAQCALECPAGTVLTDGTTSTYKQAASECVKCAANFYTT---- 413
DB 690 AGAAGGATTTAGTAATAATAAC-----GTTTGGATAT---AAGTTGTCACTAATTGCA 740

QY 414 -KQTDWVAGIDTCTSC 428
DB 741 CATTTCTGCTGTTTC 756
```

```
RESULT 7
US-10-125-926A-219
; Sequence 219, Application US/10125926A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvarcoff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
```

```
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C80
; CURRENT APPLICATION NUMBER: US/10/125,926A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-125-926A-219

Query Match          9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTEHTAGQVDDLGTTPANCVCOKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPNP 81
DB 397 GTATTTCTGCTTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451

QY 82 PATANLVTCNVKCPAGTAAGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141
DB 452 AATATTTT-----ATAGGATGGAAACAAA-----GGAATCTACA 486

QY 142 V-----NRVGGALTAGNAATIAQCNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
DB 487 AAGCCATCAGTGAACCTGGATATCTTCTTCCTG-----GATTAAAAAATTATTGGAAG 541

QY 195 YNGNNGNTPNPKSOCTPCPAIKPANVAQATLGNDAITTAQCNVACPDGTISAGVNNW 254
DB 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583

QY 255 VAQNTCTNCAPNFYNNAPNPNPGNSTCLPCPANKDYCAETAGGAATLAKQC----- 308
DB 584 TTTTGAATACAA-----TAAGACTGCTA-----GAAATATGTTTATAACAGTCTA 629

QY 309 NIACPDGTAIASG-----ATNYVILQTECLNCAANFYFDGNNFQ--AGSSRCKACP 357
DB 630 TTTCTTTTAAAAACTTTTAAACATAATAACTGACGCGCATGTTAGGTGATTCAGATAGACA 689

QY 358 ANKVOGAVATAGGTATLIAQCALECPAGTVLTDGTTSTYKQAASECVKCAANFYTT---- 413
DB 690 AGAAGGATTTAGTAATAATAAC-----GTTTGGATAT---AAGTTGTCACTAATTGCA 740

QY 414 -KQTDWVAGIDTCTSC 428
```

Db 741 CATTTCTGTGTTTC 756

RESULT 8

US-10-127-829A-219

; Sequence 219, Application US/10127829A

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C85

; CURRENT APPLICATION NUMBER: US/10/127,829A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-17

; Remaining prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 219

; LENGTH: 1076

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-127-829A-219

Query Match 9.7%; Score 245.5; DB 6; Length 1076;

Best Local Similarity 27.3%; Pred. No. 1.8e-11;

Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

Qy 26 GTETINTAGQVDDLTGTPANCVCNCKNFYNNAAFPVG-ASTC---TPCPQKDKAGAPNP 81

Db 397 GTATTTCTGCTGCTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451

Qy 82 PATANLVTCNVKCPAGTATAGATDYAALITECVNCRINFYNENAPNFNAGASTCTACP 141

Db 452 AATATTTT-----ATAGGATGGAAACAAA-----GGAATCTACA 486

Qy 142 V-----NRVGGALTAGNAATVAQCNCVACPTGTALDDGVTTDYVRSPTETCKRLNFP 194

Db 487 AAGCCATCAGTGAACGTGATATCTTCTTCCTG-----GATTAAAAAATATTGGAAG 541

Qy 195 YNGNNGTNPENCKSOCTPCPAIKPANVAQATLGNDAITTAQCNCVACPDGTITSAAGVNW 254

Db 542 CAGTCAGT-----AAACCAAGCCAGTACATTG--ATTTTAC-----AGTTAT 583

Qy 255 VAQNTCTNCAPNFYNNAPNFNPGNSTCLPCPANKDYGAETAGGATLAKQC----- 308

Db 584 TTTGAATAACAA-----TAAGAAGCTGCTA-----GAAATATGTTTATAACAGTCTA 629

Qy 309 NIACPDGTATAG-----ATNVILQTECLNCAANFYEDGNNFQ--AGSSRCKACP 357

Db 630 TTTCTTTTAAAAACTTTTAAACATAATACTAGCGGCACTGTTAGGTGATTCACAATAGACA 689

Qy 358 ANKVGAVATAGGTATLTAQCALECPAGTVLTDGTTTSTYKQAASECVCVKAANFYTT---- 413

Db 690 AGAAGGATTAGTAAATTAAC-----GTTTGGATAT---AAGTTGTCTACTAATTTGCA 740

Qy 414 -KQTDWVAGIDTCTSC 428

Db 741 CATTTCTGTGTTTC 756

RESULT 9

US-10-127-831A-219

; Sequence 219, Application US/10127831A

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C107

; CURRENT APPLICATION NUMBER: US/10/127,831A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 219

; LENGTH: 1076

; TYPE: PRT

; ORGANISM: Homo Sapien
US-10-127-831A-219

```
Query Match          9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTETNTAGQVDDLGTTPANCVNCOKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPMP 81
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 397 GTATTTCTGCTGCTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451

QY 82 PATANLVTCQNVKCPAGTAIAGGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486

QY 142 V-----NRVGGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 487 AAGCCATCAGTGAAGTGGATATCTCTTTCCTG-----GATTAAAAAATATTGGAAAG 541

QY 195 YNGNNGTNPFPNGKSOCTPCPAIKPANVAQATLGNDAITIAOCNVACPDGTISAAGVNNW 254
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583

QY 255 VAQNTCTNCAPNFYNNAPNPNPGNSTCLPCPANKDYGAETAGGAATLAKQC----- 308
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629

QY 309 NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFQ--AGSSRCKACP 357
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 630 TTTCTTTTAAAAACTTTTAAACATAATACTGACGGCATGTTAGGTGATTCAAGATAGACA 689

QY 358 ANKVOGAVATAGGTATLIAQCALECPAGVLTGTTSTYKQAASECVKCAANFYTT---- 413
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 690 AGAAGGATTAGTAAATAAAC-----GTTTGGATAT---AAGTTGTCACTAATTGCA 740

QY 414 -KOTDWWAGIDTCTSC 428
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 741 CATTTTCTGTGTTTTC 756
```

RESULT 10

```
US-10-127-835A-219
; Sequence 219, Application US/10127835A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC102
; CURRENT APPLICATION NUMBER: US/10/127.835A
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
```

```
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-835A-219

Query Match          9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTETNTAGQVDDLGTTPANCVNCOKNFYNNAAAFVPG-ASTC---TPCPQKKDAGAQPMP 81
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 397 GTATTTCTGCTGCTTCATCAGCTA-----GAGAGATGAATCCATTACCAGGATGAAAG 451

QY 82 PATANLVTCQNVKCPAGTAIAGGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 452 AATATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486

QY 142 V-----NRVGGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTECVKRLNFI 194
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 487 AAGCCATCAGTGAAGTGGATATCTCTTTCCTG-----GATTAAAAAATATTGGAAAG 541

QY 195 YNGNNGTNPFPNGKSOCTPCPAIKPANVAQATLGNDAITIAOCNVACPDGTISAAGVNNW 254
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 542 CAGTCAGT-----AAACCAAGCAAGTACATTG--ATTTTAC-----AGTTAT 583

QY 255 VAQNTCTNCAPNFYNNAPNPNPGNSTCLPCPANKDYGAETAGGAATLAKQC----- 308
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATAACAGTCTA 629

QY 309 NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFQ--AGSSRCKACP 357
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 630 TTTCTTTTAAAAACTTTTAAACATAATACTGACGGCATGTTAGGTGATTCAAGATAGACA 689

QY 358 ANKVOGAVATAGGTATLIAQCALECPAGVLTGTTSTYKQAASECVKCAANFYTT---- 413
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 690 AGAAGGATTAGTAAATAAAC-----GTTTGGATAT---AAGTTGTCACTAATTGCA 740

QY 414 -KOTDWWAGIDTCTSC 428
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 741 CATTTTCTGTGTTTTC 756
```

RESULT 11

```
US-10-127-837A-219
; Sequence 219, Application US/10127837A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
```

Thu Feb 20 11:31:03 2003

us-09-497-967-7.rapn

Db 741 CATTTCGTGTTTC 756

RESULT 12

US-10-127-842A-219

Sequence 219, Application US/10127842A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Deforge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C100

CURRENT APPLICATION NUMBER: US/10/127,842A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 219

LENGTH: 1076

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-837A-219

Query Match 9.7%; Score 245.5; DB 6; Length 1076;

Best Local Similarity 27.3%; Pred. No. 1.8e-11;

Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTETNTAGQVDDLGTTPANCVCNKNFYNNAAAFVPG-ASTC---TPCQKKDAGAAPNP 81

Db 397 GTATTTCTCTGCTTCATCAGCTA-----GAGAGATGAATCCATACCAGGATGAAAAG 451

QY 82 PATANLVTCQNVKCPAGTAAGGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141

Db 452 AATATATTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486

QY 142 V-----NRVGALTAGNAATIAQCNVACPCTGTALDDGVTTDYVRSFTVCVCRNLNFY 194

Db 487 AAGCCATCAGTGAACGTGATATCTTCTTCCTG-----GATTAAAAATATTGGAAG 541

QY 195 YNGNNGTTPNPGKSQCTPCPAIKPANVAQATLGNDAITTAQCNVACPDGTSIAAGVNNW 254

Db 542 CAGTCAGT-----AAACCAAGCAAGTACATG--ATTTTAC-----AGTTAT 583

QY 255 VAONTECTNCPNFYNNAPNFNPGNSICLPCPANKDYCAETAGTAGAATLAKQC----- 308

Db 584 TTTGAAATACAA-----TAAGAAGTCTGA-----GAAATATGTTTATAACAGTCTA 629

QY 309 NIACPDCTATASG-----ATNVILQTECLNCAANFYDFGNFQ--AGSSRCKACP 357

Db 630 TTTCTTTTAAAACTTTTAAACATATACTGACGCACTGTAGGTGATTCAGAATAGACA 689

QY 358 ANKVOGAVATAGGTATLTAQALECPAGVLTGDTTSYKQAASCEVCVCAANFYTT----- 413

Db 690 AGAAGGATTTAGTAAATTAAC-----GTTTGGATAT---AAGTTGTCACTAATTTGCA 740

QY 414 -KQTDWVAGIDTCTSC 428

Db 741 CATTTCGTGTTTC 756

RESULT 12

US-10-127-842A-219

Sequence 219, Application US/10127842A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Deforge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C100

CURRENT APPLICATION NUMBER: US/10/127,842A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 219

LENGTH: 1076

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-842A-219

Query Match 9.7%; Score 245.5; DB 6; Length 1076;

Best Local Similarity 27.3%; Pred. No. 1.8e-11;

Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;

QY 26 GTETNTAGQVDDLGTTPANCVCNKNFYNNAAAFVPG-ASTC---TPCQKKDAGAAPNP 81

Db 397 GTATTTCTCTGCTTCATCAGCTA-----GAGAGATGAATCCATACCAGGATGAAAAG 451

QY 82 PATANLVTCQNVKCPAGTAAGGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP 141

Db 452 AATATATTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486

QY 142 V-----NRVGALTAGNAATIAQCNVACPCTGTALDDGVTTDYVRSFTVCVCRNLNFY 194

Db 487 AAGCCATCAGTGAACGTGATATCTTCTTCCTG-----GATTAAAAATATTGGAAG 541

QY 195 YNGNNGTTFNPGKSOCTPCPAIKPANVAQATLGNDAITTAQCNVACPDGTISAGVNNW 254
Db 542 CAGTCAGT-----AAACCAAGCCCAAGTACATTG--ATTTTAC-----AGTTAT 583
QY 255 VAQNTCTNCAPNFYNNAPNPNNGSTCLPCPANKDYGABATAGGAATLAKQC-----308
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATACAGTCTA 629
QY 309 NIACPDGTAIAGS-----ATNYVILQTECLNCAANFYFDGNNFQ--AGSSRCCKACP 357
Db 630 TTTCTTTTAAACACTTTTACATAAATACTGACGCGCATGTTAGGTGATTCAGAATAGACA 689
QY 358 ANKVOGAVATAGGTATLIAQCALECPAGTVLTDGTTSTYKQAASECVKCAANFYTT-----413
Db 690 AGAAGGATTTAGTAATAATTAAC-----GTTTGGATAT---AAGTTGCTACTAATTGGCA 740
QY 414 -KQTDWVAGIDTCTSC 428
Db 741 CATTTTCTGTGTTTTC 756

RESULT 13

US-10-127-850A-219
; Sequence 219, Application US/10127850A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C110
; CURRENT APPLICATION NUMBER: US/10/127,850A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-127-850A-219

Query Match 9.7%; Score 245.5; DB 6; Length 1076;
Best Local Similarity 27.3%; Pred. No. 1.8e-11;
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;
QY 26 GTETNATGOVDLGTTPANCVCQKNFYNNAAAFVPG-ASTC---TPCPQKKGAGQPNP 81
Db 397 GTATTTCTCGTTCATCAGCTA-----GAGATGAATCCATTACCAGGATGAAAG 451
QY 82 PATANLVTCQNVKCPAGTAIAGGATDYAAIITECVNCRINFINFYNENAPNFNAGASTCTACP 141
Db 452 AATAATTTT-----ATAGGATTGGAACAAA-----GGAATCTACA 486
QY 142 V-----NRYGGALTAGNAATIIVAOQNVACPTGCTALDDGVTDDYVRSFTFECVKCRINFY 194
Db 487 AAGCCATCAGTGAAGTGGATATTCTTCTTCCTG-----GATTAAAAAATATTATGGAAAG 541
QY 195 YNGNNGTTFNPGKSOCTPCPAIKPANVAQATLGNDAITTAQCNVACPDGTISAGVNNW 254
Db 542 CAGTCAGT-----AAACCAAGCCCAAGTACATTG--ATTTTAC-----AGTTAT 583
QY 255 VAQNTCTNCAPNFYNNAPNPNNGSTCLPCPANKDYGABATAGGAATLAKQC-----308
Db 584 TTTGAAATACAA-----TAAGAACTGCTA-----GAAATATGTTTATACAGTCTA 629
QY 309 NIACPDGTAIAGS-----ATNYVILQTECLNCAANFYFDGNNFQ--AGSSRCCKACP 357
Db 630 TTTCTTTTAAACACTTTTAAACATAATACTGACGCGCATGTTAGGTGATTCAGAATAGACA 689
QY 358 ANKVOGAVATAGGTATLIAQCALECPAGTVLTDGTTSTYKQAASECVKCAANFYTT-----413
Db 690 AGAAGGATTTAGTAATAATTAAC-----GTTTGGATAT---AAGTTGCTACTAATTGGCA 740
QY 414 -KQTDWVAGIDTCTSC 428
Db 741 CATTTTCTGTGTTTTC 756

RESULT 14

US-10-127-901A-219
; Sequence 219, Application US/10127901A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/127,901A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17

; APPLICANT: Stewart, Timothy A.									
; APPLICANT: Tumas, Daniel									
; APPLICANT: Watanabe, Colin K									
; APPLICANT: Wood, William									
; APPLICANT: Zhang, Zemin									
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC									
; FILE REFERENCE: P3330R1C117									
; CURRENT APPLICATION NUMBER: US/10/128,689A									
; CURRENT FILING DATE: 2002-10-15									
; PRIOR APPLICATION NUMBER: 60/049911									
; PRIOR FILING DATE: 1997-06-18									
; PRIOR APPLICATION NUMBER: 60/056974									
; PRIOR FILING DATE: 1997-08-26									
; PRIOR APPLICATION NUMBER: 60/059113									
; PRIOR FILING DATE: 1997-09-17									
; PRIOR APPLICATION NUMBER: 60/059115									
; PRIOR FILING DATE: 1997-09-17									
; PRIOR APPLICATION NUMBER: 60/059117									
; PRIOR FILING DATE: 1997-09-17									
; PRIOR APPLICATION NUMBER: 60/059122									
; PRIOR FILING DATE: 1997-09-17									
; PRIOR APPLICATION NUMBER: 60/059184									
; PRIOR FILING DATE: 1997-09-17									
; PRIOR APPLICATION NUMBER: 60/059263									
; PRIOR FILING DATE: 1997-09-18									
; PRIOR APPLICATION NUMBER: 60/059352									
; PRIOR FILING DATE: 1997-09-19									
; PRIOR APPLICATION NUMBER: 60/059588									
; PRIOR FILING DATE: 1997-09-19									
; Remaining Prior Application data removed - See File Wrapper or PALM.									
; NUMBER OF SEQ ID NOS: 550									
; SEQ ID NO 219									
; LENGTH: 1076									
; TYPE: PRT									
; ORGANISM: Homo Sapien									
US-10-128-689A-219									
Query Match 9.7%; Score 245.5; DB 6; Length 1076;									
Best Local Similarity 27.3%; Pred. No. 1.8e-11;									
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;									
QY	26	GTETNTAGQVDDLGPANCVCNKNFYNNAAAFVPG-ASTC----	TPCPOKKDAGAQPNP	81					
Db	397	GTATTTCTGCTCTCATCAGCTA-----	GAGAGATGAATCCATTACCAGGATGAAAG	451					
QY	82	PATANLVTCNVKCPAGTAIAGGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP	141						
Db	452	AATATTTT-----ATAGGATTGGAACAAA-----	GGAATCTACA	486					
QY	142	V-----NRVGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTCEVCRLNFY	194						
Db	487	AAGCCATCAGTGAATGATATCTCTTCTCTG-----	GATTAAAAATTTTGGAAAG	541					
QY	195	YNGNNGTPEFNGKSOCTPCPAIKPANVAQATLGNDAITIAOCNVACPDGTISAGVNNW	254						
Db	542	CAGTCAGT-----AAACCAAGCCAAGTACATTG--ATTTTAC-----	AGTTAT	583					
QY	255	VAONTECTNCAPNFYNNAPNFNPGNSTCLPCPANKDYGAEATAGGAATLAKQC-----	308						
Db	584	TTTGAATAACAA-----TAAGAACTGCTA-----	GAAATATGTTTATAACAGTCTA	629					
QY	309	NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFO--AGSSRCKACP	357						
Db	630	TTTTTTTTTAAAAACTTTTAAACATAATACTACGCGCATCTTAGTGTAGTTCAGAATAGACA	689						
QY	358	ANKVQGAATAGGTATLIAQCALECPAGTVLFDGTTSTYKQAASECVKCAANFYTT----	413						
Db	690	AGAAGGATTAGTAAATTAAC-----GTTTTGGATAT----	AAGTTGTCACTAATTGCA	740					
QY	414	-KQTDWVAGIDTCTSC	428						
Db	741	CATTTCTCTGTGTTTC	756						
RESULT 15									
US-10-128-689A-219									
; Sequence 219, Application US/10128689A									
; GENERAL INFORMATION:									
; APPLICANT: Baker, Kevin P.									
; APPLICANT: Beresini, Maureen									
; APPLICANT: DeForge, Laura									
; APPLICANT: Desnoyers, Luc									
; APPLICANT: Filvaroff, Ellen									
; APPLICANT: Gao, Wei-Qiang									
; APPLICANT: Geritsen, Mary E.									
; APPLICANT: Goddard, Audrey									
; APPLICANT: Godowski, Paul J.									
; APPLICANT: Gurney, Austin L.									
; APPLICANT: Sherwood, Steven									
; APPLICANT: Smith, Victoria									
Query Match 9.7%; Score 245.5; DB 6; Length 1076;									
Best Local Similarity 27.3%; Pred. No. 1.8e-11;									
Matches 119; Conservative 10; Mismatches 198; Indels 109; Gaps 18;									
QY	26	GTETNTAGQVDDLGPANCVCNKNFYNNAAAFVPG-ASTC----	TPCPOKKDAGAQPNP	81					
Db	397	GTATTTCTGCTCTCATCAGCTA-----	GAGAGATGAATCCATTACCAGGATGAAAG	451					
QY	82	PATANLVTCNVKCPAGTAIAGGATDYAAIITECVNCRINFYNENAPNFNAGASTCTACP	141						
Db	452	AATATTTT-----ATAGGATTGGAACAAA-----	GGAATCTACA	486					
QY	142	V-----NRVGALTAGNAATIVAOCNVACPTGTALDDGVTTDYVRSFTCEVCRLNFY	194						
Db	487	AAGCCATCAGTGAATGATATCTCTTCTCTG-----	GATTAAAAATTTTGGAAAG	541					
QY	195	YNGNNGTPEFNGKSOCTPCPAIKPANVAQATLGNDAITIAOCNVACPDGTISAGVNNW	254						
Db	542	CAGTCAGT-----AAACCAAGCCAAGTACATTG--ATTTTAC-----	AGTTAT	583					
QY	255	VAONTECTNCAPNFYNNAPNFNPGNSTCLPCPANKDYGAEATAGGAATLAKQC-----	308						
Db	584	TTTGAATAACAA-----TAAGAACTGCTA-----	GAAATATGTTTATAACAGTCTA	629					
QY	309	NIACPDGTATASG-----ATNVVILQTECLNCAANFYFDGNNFO--AGSSRCKACP	357						
Db	630	TTTTTTTTTAAAAACTTTTAAACATAATACTACGCGCATCTTAGTGTAGTTCAGAATAGACA	689						
QY	358	ANKVQGAATAGGTATLIAQCALECPAGTVLFDGTTSTYKQAASECVKCAANFYTT----	413						
Db	690	AGAAGGATTAGTAAATTAAC-----GTTTTGGATAT----	AAGTTGTCACTAATTGCA	740					
QY	414	-KQTDWVAGIDTCTSC	428						
Db	741	CATTTCTCTGTGTTTC	756						

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Search completed: February 11, 2003, 19:55:14
Job time : 41.5143 secs

